

CLASSIFICATION SECRET
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

50X1-HUM

CD NO.

DATE OF
INFORMATION 1948

DATE DIST. / Mar 1951

NO. OF PAGES 10

SUPPLEMENT TO
REPORT NO.

COUNTRY Hungary
SUBJECT Economic; Technological - Machine building,
electrical industry
HOW PUBLISHED Photostat of catalog
WHERE PUBLISHED Budapest
DATE PUBLISHED 1948
LANGUAGE Russian/Hungarian

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SOURCE

Produktiya Sovetskikh Mashinostroitel'nykh i Elektrotekhnicheskikh
Predpriyatiy v Vengrii (Products of Soviet Machine-Building and Elec-
trical Engineering Enterprises in Hungary).

PRODUCTS OF SOVIET MACHINE-BUILDING AND
ELECTRICAL ENGINEERING ENTERPRISES IN HUNGARY

Edited by Ye. Burman

Introduction

This handbook is intended to acquaint consumers with the range of items produced by Soviet machine-building and electrical engineering enterprises in Hungary.

The handbook lists the major categories of items produced by a given enterprise, and tells the uses of such machines.

The handbook also lists enterprises which accept orders for manufacture of special items from drawings and specifications of the purchaser.

Besides finished products, the enterprises listed fill orders for the manufacture of semifinished items under industrial cooperative agreements.

For details of type, model, and dimension see the catalogs of the respective plants.

For convenience of reference, the handbook is divided into 31 sections according to groups of products from particular branches of industry, and the use of these products. The manufacturing plant is given after each item; on the last 2 pages there is a list of the full names of all the firms included in this handbook, with their addresses.

The product categories covered include cable products, high-voltage equipment, electrical machinery, rectifiers, industrial electric furnaces; starting, control, and safety apparatus; storage batteries; dry and wet cells and batteries;

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roentgenological and medical apparatus, radio equipment, portable lighting equipment, electric appliances, electric installations materials, plastic items, hoist and transport equipment, agricultural machinery and tools, boiler equipment, pumps and compressors, ventilators; automobiles, motorcycles, and bicycles; textile-machine parts, measuring instruments and precision mechanisms, cutting tools and abrasives, structural metal, cable and wire items, hardware, paper and printing, construction materials and services, chemical products ores; and repairs and service.

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Cable Products

- | | | |
|--|---|--|
| 1. Mains cables | } | Felten and Guilleaume, Inc
Hungarian Siemens Works, Inc |
| 2. Telephone cables | | |
| 3. Control and signal cables | | |
| 4. Armored cables | | |
| 5. Special cables | | |
| 6. Cable fittings (terminal junction boxes, line boxes, etc) | } | Felten and Guilleaume, Inc
Cable Plant, Inc
Hungarian Siemens Works, Inc |
| 7. Bulk cable | | |
| 8. Bare wire (copper, aluminum, steel-aluminum, etc.) | | |
| 9. Wire and flexible cable for electric installations | | |
| 10. Wire and flexible cable for telephones | | |
| 11. Winding wires | } | Felten and Guilleaume, Inc
Cable Plant, Inc |
| 12. Automobile wire | | |
| 13. Paper tubes with metal sheathing (Bergman tubes) | | |
| 14. Installation fittings | | |
| 15. Flexible metal hose, shielded and special-design types | | |
| 16. Flexible metal shafts | } | Felten and Guilleaume, Inc
Cable Plant, Inc
Felten and Guilleaume, Inc |
| 17. Insulating materials | | |
| a. Cambrick linen and Cambrick tube | | |
| b. Bakelite plates and bars | | |
| c. Textolite plates and bars | | |
| d. Insulating tape (linen and rubber) | } | Felten and Guilleaume, Inc |
| e. Insulating lacquers | | |
| f. Insulating papers | | |

High-Voltage Equipment

- | | | |
|------------------------------------|---|------------------|
| 1. Mains and lighting transformers | } | A.E.G. Unio, Inc |
| 2. Current-measuring transformers | | |
| 3. Voltage-measuring transformers | | |
| 4. Oil switches | | |
| 5. Air switches | | |

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- | | |
|-------------------------------------|------------------------------|
| 6. Expansion switches | Hungarian Siemens Works, Inc |
| 7. Cut-out switches | Hungarian Siemens Works, Inc |
| | A.E.G. Unio, Inc |
| 8. Fuses | A.E.G. Unio, Inc |
| 9. Dischargers | |
| 10. Bushings and bracket insulators | Hungarian Siemens Works, Inc |
| 11. Electric construction work | A.E.G. Unio, Inc |

Electrical Machinery

- | | |
|---|--------------------------------|
| 1. AC and DC electric motors (crane-type, explosionproof, etc.) | A.E.G. Unio, Inc |
| 2. Repulsion motors | Hungarian Siemens Works, Inc |
| 3. AC and DC generators | A.E.G. Unio, Inc |
| 4. Electric welding machines | } Hungarian Siemens Works, Inc |
| 5. Welding transformers | |
| 6. "Arkatom" atomic-hydrogen welding machines | } A.E.G. Unio, Inc |
| 7. Automobile generators | |
| 8. Automobile starters | } Bosch Robert Co |
| 9. General assembly work | |
| | Hungarian Siemens Works, Inc |
| | A.E.G. Unio, Inc |

Rectifiers

- | | |
|---|--------------------|
| 1. Mercury-arc rectifiers, metal or glass bulbs | } A.E.G. Unio, Inc |
| 2. Selenium rectifiers | |

Industrial Electric Furnaces

- | | |
|--------------------------|------------------------------|
| 1. Annealing furnaces | Hungarian Siemens Works, Inc |
| 2. Electric arc furnaces | Hungarian Siemens Works, Inc |
| 3. Resistance furnaces | A.E.G. Unio, Inc |

Starting, Control, and Safety Apparatus

- | | | |
|---|--|------------------------------|
| 1. Magnetic starters for electric motors | } Hungarian Siemens Works, Inc
A.E.G. Unio, Inc | |
| 2. AC and DC contactors | | |
| 3. Dry and oil rheostats | | |
| 4. Switches (with star connections on the triangle, etc.) | | |
| 5. Crane controllers, other types of controllers | | |
| 6. Crane resistors | | |
| 7. Cut-out fuses | | |
| 8. Mains and lighting-system automatics | | |
| 9. Knife switches with switchboard leads | | |
| 10. Distributing centers for lighting and mains systems | | |
| 11. Switchboards; control panels and shields | | |
| 12. Autotransformers | | A.E.G. Unio, Inc |
| 13. Push-button control units | | A.E.G. Unio, Inc |
| 14. Installation of electrical engineering apparatus | | Hungarian Siemens Works, Inc |

Storage Batteries

- | | |
|---|------------|
| 1. Stationary storage batteries (for power stations, telephone centrals, and other installations) | Tudor, Inc |
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- | | | |
|--|---|---------------------------|
| 2. Truck and motorcycle storage batteries | } | Tudor, Inc |
| 3. Alkaline storage batteries | | Hoppecke Co |
| 4. Miner's lamps | } | Tudor, Inc |
| 5. Storage battery parts (plates, cells, separators, terminals, etc) | | |
| 6. Storage battery service | | Tudor, Inc
Hoppecke Co |

Dry and Wet Cells and Batteries

- | | | |
|---|---|------------|
| 1. Flashlight batteries | } | Tudor, Inc |
| 2. Hearing-aid batteries | | |
| 3. Radio batteries (anode and filament type) | | |
| 4. Batteries for bells, telephones, electric clocks, and other appliances | | |
| 5. Water-filled batteries | | |

Röntgenological and Medical Apparatus

- | | | |
|--|---|--|
| 1. Diagnostic X-ray apparatus | } | Hungarian Siemens Reininger Works, Inc |
| 2. Therapeutic X-ray apparatus | | |
| 3. X-ray photographic apparatus | | |
| 4. Ultratherm short-wave therapeutic apparatus | | |
| 5. Quartz lamps | } | Hungarian Optical Works, Inc |
| 6. Service and repair of X-ray apparatus | | |
| 7. Instruments for measuring blood pressure | | |
| 8. Instruments for inflating lungs | | |

Radio Equipment

- | | | |
|--|---|--|
| 1. Siemens radio receivers | } | Hungarian Siemens Works, Inc |
| 2. "Telefunken" receivers | | Telefunken Co |
| 3. "Telefunken" short-wave transmitters | } | Hungarian Siemens Works, Inc |
| 4. Amplifiers | | A.E.G. Unio, Inc
Telefunken Co |
| 5. Loud-speakers | } | A.E.G. Unio, Inc |
| 6. Microphones | | Telefunken Co |
| 7. Radio parts | } | A.E.G. Unio, Inc |
| 8. Repair of receivers; radio station construction | | Telefunken Co
Hungarian Siemens Works Inc |

Portable Lighting Equipment

- | | | |
|--|---|------------------|
| 1. Explosionproof miner's lamps (storage-battery operated) | } | Tudor, Inc |
| 2. Bench lamps | | Cable Plant, Inc |
| 3. Flashlights | | Tudor, Inc |
| 4. Incandescent bulbs for flashlights | | |

Electric Appliances

- | | | |
|--------------------|---|------------------------------|
| 1. Electric ranges | } | Hungarian Siemens Works, Inc |
| 2. Electric irons | | A.E.G. Unio, Inc |

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3. Electric iceboxes.
4. Fans (table and floor models)
5. Vacuum cleaners
6. Hot-water heaters
7. Table lamps
8. Heating pads
9. Hair driers
10. Repair and installation of electric appliances

Bosch Robert Co

Hungarian Siemens Works, Inc
A.E.G. Unio, Inc

Cable Plant, Inc

A.E.G. Unio, Inc

Electric Installation Materials

1. Disconnecting switches, throw-over switches, plug sockets, Y-connections
2. Fuses, knife switches, automatic switches
3. Branch boxes
4. Friction tape
5. Alloys for soldering wire and terminals
6. Coupling terminals
7. Paper tubes with metal sheathing (Bergman tubes)
8. Fittings for Bergman tubes
9. Bulk cable
10. Terminal clips for cable and wire
11. Insulated bases for electric meters and automatic switches

A.E.G. Unio, Inc

Felten and Guilleaume, Inc

A.E.G. Unio, Inc
Cable Plant, Inc
Felten and Guilleaume, Inc

Cable Plant, Inc
Felten and Guilleaume, Inc
Felten and Guilleaume, Inc
Hungarian Siemens Works, Inc
A.E.G. Unio, Inc
Felten and Guilleaume, Inc
Hungarian Siemens Works, Inc

Cable Plant, Inc

Plastic Items

1. Plastic parts for low-precision manufacturing (telephone bodies, pipes, telephone central call-finders, radio cabinets, phonograph parts, etc.)
2. Plastic parts for precision manufacturing (bases for starting apparatus, automatics, instruments, etc.)
3. Bakelite bearings
4. Plastic parts for automobile accessories
5. Phonograph records
6. Plastic consumers' goods (ashtrays, pens and pencils, toilet articles, dishes)
7. Special-order plastic items

Cable Plant, Inc

Felten and Guilleaume, Inc

Cable Plant, Inc

Hoist and Transport Equipment

1. Elevators
2. Freight elevators
3. Electric winches
4. Repair of elevators and winches

Freissler Antal, Inc

Hungarian Siemens Works, Inc
Freissler Antal, Inc
Hungarian Siemens Works, Inc

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Agricultural Machinery and Tools

- | | | |
|------------------------------|---|---------------------------|
| 1. Plows | } | Hungarian Steel Wire, Inc |
| 2. Harrows | | |
| 3. Cultivators | | |
| 4. Maize, pea and bean mills | | |
| 5. Scythes | } | Szentgotthard, Inc |
| 6. Sickles | | |
| 7. Shovels | | |
| 8. Pick mattocks | | |
| 9. Cleavers | | |
| 10. Straw and beet knives | | |

Boiler Equipment

- | | | |
|--|---|------------------|
| 1. Coal pulverizers | } | A.E.G. Unio, Inc |
| 2. Dust-catchers | | |
| 3. Water-cleaning and water-feed units | | |
| 4. Boiler-feed pumps | | |
| 5. Air preheaters | | |

Pumps and Compressors

- | | | |
|-------------------------|---|--|
| 1. Worthington pumps | } | A.E.G. Unio, Inc |
| 2. Turbine pumps | | |
| 3. Centrifugal pumps | } | Hungarian Siemens Works, Inc
Hungarian Optical Works, Inc |
| 4. Utility pumps | | |
| 5. Bosch-type oil pumps | | |
| 6. Boiler feed pumps | } | A.E.G. Unio, Inc |
| 7. Compressors | | |

Ventilators

- | | | |
|--------------------|---|------------------|
| 1. Industrial fans | } | A.E.G. Unio, Inc |
| 2. Home fans | | |

Automobiles, Motorcycles, Bicycles

- | | | |
|---|---|---|
| 1. Sale of passenger cars, trucks, motorcycles, and bicycles | } | Steyer-Austro, Inc
Steyer Austro, Inc
Bosch Robert Co |
| 2. Sale of spare parts for automobiles, motorcycles, and bicycles | | |
| 3. Repair and service of automobiles, motorcycles, and bicycles | | |

Textile Machine Parts

- | | | |
|-----------------------------------|---|---|
| 1. Spindles | } | Hungarian Aircraft Equipment Plant, Inc |
| 2. Rings for ring-spinning frames | | |
| 3. Needles for hackling machines | | |

Measuring Instruments and Precision Mechanisms

- | | | |
|---|---|------------------------------|
| 1. Panel-type electric measuring instruments | } | Hungarian Siemens Works, Inc |
| 2. Laboratory instruments (ammeters, volt-meters, combination meters) | | |
| 3. Geodetic tools (theodolites, levels) | | Hungarian Optical Works, Inc |

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- | | | |
|---|---|------------------------------|
| 4. Optical instruments (microscopes, gravimeters, binoculars) | } | Hungarian Optical Works, Inc |
| 5. Lenses for eyeglasses | | |
| 6. Water meters | | |
| 7. Locomotive fittings | | |
| 8. Alarm clocks | | |
| 9. Wall clocks | | |

Cutting Tools and Abrasives

- | | | |
|---|---|------------------------------|
| 1. Electrodrills | } | A.E.G. Unio, Inc |
| 2. Micrometers | | Hungarian Optical Works, Inc |
| 3. Slide gauges | } | Szentgotthard, Inc |
| 4. Woodworking saws (rip saws, cross-cut saws, band saws, jig saws) | | |
| 5. Blades for frame saws | | |
| 6. Fitters' tools (simple and combination vises, pliers) | | |
| 7. Knives for home use and the meat industry | | |
| 8. Emery paper | } | Naxos, Inc |
| 9. Emery cloth | | |

Structural Metal

- | | | |
|---|---|---------------------------|
| 1. Bridge steel | } | Haas and Somogyi, Inc |
| 2. Railing | | Hutter and Schrantz, Inc |
| 3. Spiral staircases | | Hungarian Steel Wire, Inc |
| 4. Structural metal for use in various industries | | Haas and Somogyi, Inc |
| 5. Window frames, doors, protective screens | | Hungarian Steel Wire, Inc |
| 6. Locksmith and construction work | | Hutter and Schrantz, Inc |
| | | Haas and Somogyi, Inc |

Cable and Wire Items

- | | | |
|--|---|----------------------------|
| 1. Steel cable | } | Hungarian Steel Wire, Inc |
| | | Felten and Guilleaume, Inc |
| 2. Steel wire for various purposes | } | Hungarian Steel Wire, Inc |
| 3. Barbed wire | | |
| 4. Iron screening | } | Hutter and Schrantz, Inc |
| 5. Nonferrous screening | | |
| 6. Grating for paper, cement, sugar, and wine industries | | |
| 7. Grillwork for railings | | |
| 8. Metal brushes | | |

Hardware

- | | | |
|--|---|---------------------------|
| 1. Metal furniture (beds, armchairs, tables, chairs, cabinets, etc.) | } | Hutter and Schrantz, Inc |
| 2. Door, window, and furniture fittings | | Iron Products Plant, Inc |
| 3. Inset locks, padlocks | } | Hungarian Steel Wire, Inc |
| 4. Keys | | |
| 5. Nails | } | Hungarian Steel Wire, Inc |
| 6. Fittings | | |
| 7. Curry combs | | |
| 8. Perforated sheet steel for sieves | | Hutter and Schrantz, Inc |

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Paper and Printing

1. Wrapping paper
2. Wax paper
3. Heavy packaging paper
4. Spool paper
5. Cable paper
6. Linoleum backing
7. Photostating paper
8. "Ozalid" paper
9. Cellophane
10. Cellophane boxes
11. Type fonts
12. Photostating service

Paper Plant, Inc

Ozalid Co

First Hungarian Type Foundry, Inc
Ozalid CoConstruction Materials and Services

1. Roofing tar paper
2. Insulating roofing paper
3. Roof work
4. Asphaltting
5. Road work
6. Plumbing (water pipes, ditching)
7. Electrical installation (building power stations, substations, high- and low-voltage systems; power and electric lighting equipment)
8. Locksmith and construction work

Janos Biehn, Inc
Posnansky and Strelitz, Inc
Posnansky and Strelitz, Inc
Posnansky and Strelitz, Inc
Janos Biehn, Inc
Janos Biehn, Inc
Posnansky and Strelitz, Inc
Thiergartner and Stohr, Inc
A.E.G. Unio, Inc
Hungarian Siemens Works, Inc
Felten and Guilleaume, Inc

Hungarian Steel Wire, Inc
Haas and Somogyi, Inc
Hutter and Schrantz, Inc

Chemical Products

1. Technical flame carbon black
2. Gas coke
3. Crude naphthalene
4. Paraffin
5. Technical vaseline
6. Storage battery fillings
7. Impregnation substances
8. Agricultural insecticides

Carbon Black Industry, Inc
Szekezfervar Gas and Chemical
Works, Inc

Posnansky and Strelitz, Inc

Ores

1. Manganese concentrate
2. Kaolin

Bela Zichy Mines, Inc
Hungarian Kaolin Works, Inc

Repairs and Services

1. Repair and service of X-ray equipment
2. Elevator service and repair
3. Automobile, motorcycle, and bicycle repair
4. Repair and service of automobile electrical equipment
5. Repair and service of electric ice-boxes
6. Repair and service of miner's lamps

Hungarian Siemens Reininger Works, Inc

Freissler Antal, Inc

Steyer Austro, Inc

Bosch Robert Co

Tudor, Inc

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LIST OF FIRMS

<u>Firm</u>	<u>Address</u>
Felten and Guilleaume Cable, Wire and Wire Rope Plant, Inc.	Budapest, XI, Rudefoki-ut 60
Cable Plant, Inc.	Budapest, XI, Fehervari-ut 120
Hungarian Siemens Works, Inc.	Budapest, XI, Terez-korut 36
A.E.G. Unio Hungarian Electrical Corporation	Budapest, XIII, Hunn-utca 2
Telefunken Limited Liability Co.	Budapest, XIII, Hunn-utca 2
Hungarian Siemens Reininger Works, Inc.	Budapest, VI, Nagymezo-u. 4
Tudor Storage Battery and Dry Cell Plant, Inc.	Budapest, XIII, Vaci-ut 137-139
Hoppecke Battery Manufacturing Limited Liability Co.	Budapest, X, Allemas-utca 2
Hungarian Optical Works, Inc.	Budapest, Csorsz-u. 35
Hungarian Steel Wire, Wire Rope, and Wire Goods Plant, Inc	Budapest, XIII, Vaci-ut 98
Iron Products Plant, Inc	Sopron
Haas and Somogyi Special Silicon Steel Plant, Inc	Budapest, XIII, Frangepan-u. 7-11
Hutter and Schrantz, Inc	Budapest, X, Gyomroi-ut 80
Szentgotthard Scythe and Forge Works, Inc	Budapest, VII, Dohany-u. 68
Bosch Robert Limited Liability Co.	Budapest, V, Vaci-ut 22-26
Steyer-Austro, Daimler-Puch Works, Hungarian Trading Corporation	Budapest, V, Lehel-u. 25
"Naxos" Grinding and Polishing Products Plant, Inc	Budafok, Voroshadsereg-u. 2
First Hungarian Type Foundry, Inc	Budapest, IV, Dessewffy-u. 32
Thiergartner and Stohr, Inc	Budapest, XI, Budafoki-ut 9-11
Szekezfahervar Gas and Chemical Works, Inc	Szekesfehervar
Freissler Antal Elevator and Machinery Plant, Inc	Budapest, VI, Horn Ede-u. 4
Hungarian Aircraft Equipment Plant, Inc	Budapest, XIII, Reiter Ferenc utca 132-138

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FirmAddress

Hungarian Kaolin Works, Inc

Budapest, XIII, Reiter Ferenc
utca 132-138

Paper and Roofing Materials Plant, Inc

Budapest, V, Alkotmany-u. 21

Posnansky and Strelitz, Inc

Budapest, V, Zsitvai Leo-u. 13

Janos Biehn, Inc

Budapest, V, Zsitvai Leo-u. 13

Carbon Black Industry, Inc

Budapest, V, Zsitvai Leo-u. 13

Ozalid Chemical Industry Products,
Limited Liability Co

Budapest, VII, Nefelejts-u. 26

Bela Zichy Mines of Urkut, Inc

Budapest, V, Zrinyi-utca 16

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